

MECHANICAL POWER TRANSMISSION

Mounted bearings



Local manufacturing and customer service

We've been asked why ABB continues to produce Dodge® mounted bearings locally while our competition has moved their facilities to other countries. Our answer is simple – that would hurt our customers. By building products locally, we can provide the inventory availability, local sales and support, and personal service our customers have come to expect from us.

How long would you wait for a standard pillow block bearing to fix a plant that's shut down? How about a hard-to-find metric flange bearing?

The trusted leader in the industry

Fortunately, when you buy Dodge mounted bearings, you don't have to worry about issues like these. Customers have trusted our high-quality, mounted bearings for almost 100 years. We are proud of our award-winning, world-class manufacturing facilities in Tennessee and North Carolina. With the addition of our expansive inventory located across the country, there isn't another mounted bearing manufacturer in the world that can support the US market better.

Dodge mounted bearings are also the most innovative in the industry with features that increase performance and reliability in demanding applications. For years we have improved performance with patented features like the Imperial locking mechanism, Trident seal and the Max Life ball bearing retainer.

Whenever you have uncertainty with other suppliers, call on ABB to help interchange competitive mounted bearings over to high quality, readily available Dodge mounted bearings. There is an interchange guide included in this document to help you select the right Dodge bearing for your application.



Committed to customers in the US

Product offering

- Largest selection of mounted bearings available
- Mounted ball, tapered, spherical, journal and hydrodynamic bearings
- Multiple housing styles, bore sizes, locking mechanisms and seal options
- Innovative features that improve reliability

Inventory and logistics

- Broadest range of inventory available to cover thousands of different configurations, ex. Pillow blocks, flanges, take-ups, set screw, eccentric lock, adapter mount, SAF, Type E, inch and metric bore sizes, ball, tapered, spherical, journal, etc.
- Local inventory available from over 250 distributor partners across the country
- State-of-the-art production facilities in Tennessee and North Carolina, offering world class logistics support
- Bearing manufacturing capability, not just assembly of components
- Highest quality of materials and manufacturing processes available
- Quick ship on most non-stock items within 3-5 days or less
- Largest number of stock part numbers in the industry

Customer service

- Over 130 dedicated sales engineers in the US
- 24/7 customer service department in Greenville, South Carolina
- Complimentary mounted bearing application engineering support available in Greenville, South Carolina

Mounted bearings

Interchange guide

Mounted roller bearings	Housing style/ shaft attachment	Spherical					Tapered		
		Dodge	Rexnord	Link-belt	SKF	Sealmaster	Dodge	Timken	Browning
Type "E"									
	Pillowblock, setscrew	EP2B/EP4B-S2-*	ZEP2000	EP-B22400	SYE*	USRBE-5000	P2B/P4B-E-*	E-P2B/P4B-TRB-*	PBE920 x*
	Pillowblock, adapter mount	EP2B/EP4B-IP-*	ZEP6000	EP-B22600	SYE*N	USRBE-5000 A	-	-	-
	4-Bolt flange block, setscrew	EF4B-S2-*	ZEF2000	EF-B22400	FYE-*	USFBE-5000	F4B-E-*	E-4BF-TRB-*	FBE920 x*
	4-Bolt flange block, adapter mount	EF4B-IP-*	ZEF6000	EF-B22600	-	USFBE-5000 A	-	-	-
SAF dimensioned									
	TAF pillowblock, setscrew	-	ZAF5000	-	-	USRB-55XX	P2B/P4B5XX-TAF-*	-	-
	ISAF pillowblock, adapter mount	P2B/ P4B5XX-IP-*	ZAF6000	-	-	USRB-55XX A	-	-	-
Unitized spherical Roller bearing imperial/S-2000									
	S-2000 and imperial pillowblock, setscrew	P2B/P4B-S2-*	ZA2000	P-B22400	SYR*	USRB-5000	-	-	-
	S-2000 and imperial pillowblock, adapter mount	P2B/P4B-IP-*	ZA6000	P-B22600	SYR*N	USRB-5000 A	-	-	-
flange brackets									
	Flange Bracket, Setscrew	FB-S2-*	-	FB-B22400	-	USBF-5000	-	-	-
	Flange Bracket, Adapter Mount	FB-IP-*	-	FB-B22600	-	USBF-5000 A	-	-	-

* = Shaft size / seal type / fixed or expansion
 XX = 222XX K 500 series SAF designation

Mounted ball bearings	Housing style/shaft attachment	Dodge	Link-belt	SKF	Sealmaster	Timken Fafnir	Browning
	2-bolt pillowblock, setscrew	P2B-SC-*	P3-U2*H	SY "shaft" RM	NP-*	YAS "shaft"	VPS-2*
	2-bolt pillowblock, low back, setscrew	P2B-SCB-*	PL3-U200N	SYH "shaft" TF	NPL-*	YAK "shaft"	VPLS-2*
	2-bolt pillowblock, setscrew, medium	P2B-SCM-*	-	SYM "shaft" TF	MP-*	YASM "shaft"	VPS-3*
	2-bolt pillowblock, eccentric	P2B-SXR-*	P3-Y2*N	SY "shaft" WF	VPE-2*	RAS "shaft"	VPE-1*
	2-bolt pillowblock, low back, eccentric	P2B-SXRB-*	PL3-Y2*N	SYH "shaft" WF	VPLE-2*	RAK "shaft"	VPLE-1*
	Flanged bracket, setscrew	FB-SC-*	FB3-U2*N	-	FB-*	-	VFBS-2*
	2-bolt flange, setscrew	F2B-SC-*	FX3-U2*N	FYT "shaft" TF	SFT-*	RCJTC "shaft"	VF2S-2*
	2-bolt flange, setscrew, medium	F2B-SCM-*	-	FYTM "shaft" TF	-	YCJTM "shaft"	VF2S-3*
	2-bolt flange, eccentric	F2B-SXR-*	FX3-Y2*N	FYT "shaft" WF	VF2E-2*	RCJT "shaft"	VF2E-1*
	4-bolt flange, setscrew	F4B-SC-*	F3-U2*N	FY "shaft" TF	SF-*	YCJ "shaft"	VF4S-2*
	4-bolt flange, setscrew, medium	F4B-SCM-*	-	FYM "shaft" TF	MSF-*	YCJM "shaft"	VF4S-3*
	4-bolt flange, eccentric	F4B-SXR-*	F3-Y2*N	FY "shaft" WF	VF4E-2*	RCJ "shaft"	VF4E-1*

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Additional information

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